

Licensed Long Distance Ethernet

Ultra-long Range Ethernet for Reliable Connectivity

Utility Grade

- Transmits wireless Ethernet 30+ miles with secure and robust two-way communication over licensed frequencies

Selectable Frequencies

- Operates in 400MHz or 900MHz up to 5W, licensed wireless transceiver capable of long range and high bandwidth communications

Simple Configuration

- Web-based configuration for Access Point/Client and Bridge/Router configuration

Best of Both Worlds

- Serves as a Serial Server (RS232/485) and Ethernet data transmission router

Automatic Mesh Connectivity

- Spanning Tree (Self Healing) support with deterministic AP to AP mesh network redundancy



Competitive Comparisons

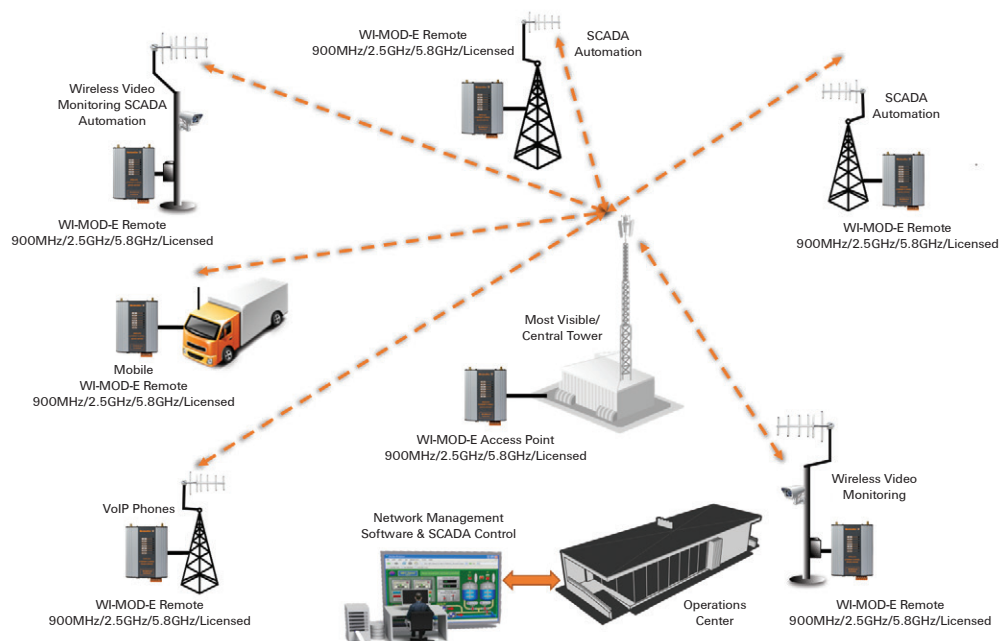
Company	Weidmüller 
Distance 50Km/31 Miles	Yes
Repeater/Mesh/Multi Hop (5+)	Yes
RS232/RS485/Ethernet TCP/IP	Yes
Onboard I/O	Yes
Built-in Broadcast Limitation	Yes

Typical Applications

These licensed wireless Ethernet modems offer powerful, long range communications for difficult-to-reach locations. Flexible options available support 360- to 512-MHz or 950MHz configurations. They offer dynamic network optimization, intelligent routing and operate in an extended temperature range. They provide industry-standard encryption (128-bit AES, 802.11i with CCMP, WEP, WPA2) and compliance, including ATEX/IECEX.

Applications

- Remote Well Head Monitoring
- Pipeline Leak Detection
- SCADA Networks
- Environmental Monitoring
- Water Treatment Facilities
- Mining Operations Infrastructure
- Tank Farm Monitoring



Availability

Type	Description	Temperature Range	Part Number
WI-MOD-450-E-5W	315-512MHz Licensed Ethernet Modem	-30° to +60°C	
WI-MOD-950-E-5W	928-960MHz Licensed Ethernet Modem	-30° to +60°C	7940100242

Information

Information is available for download on our website: www.weidmuller.com
 Printed catalog versions are also available and can be ordered online.

Ref. No.	Description
2001460000	Wireless I/O and Ethernet Connectivity Catalog #12

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